

FIG. 1

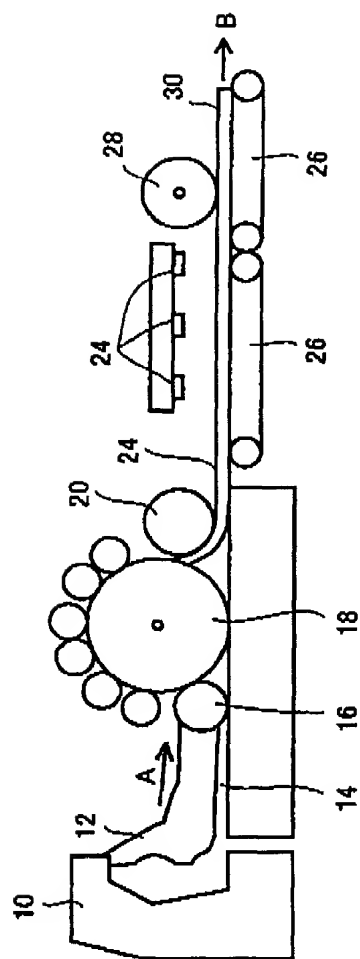


FIG.2

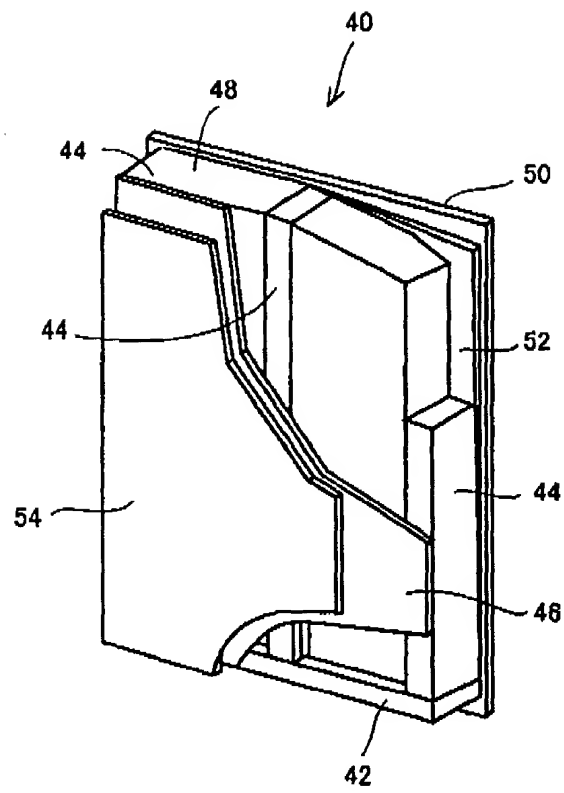


FIG. 3

FIG.3

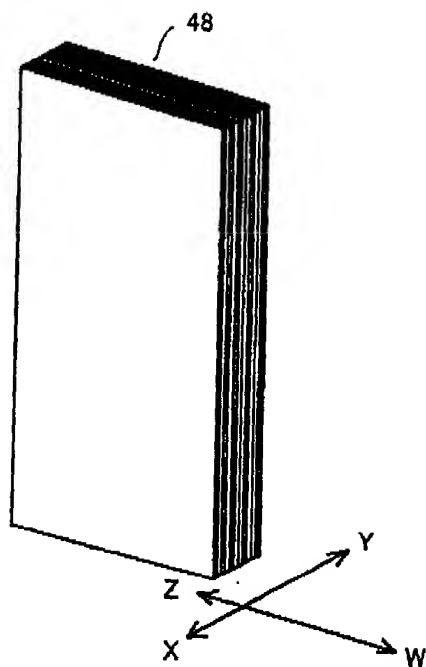


FIG.4

TYPE	FIBER COMPOSITION			PHYSICAL PROPERTIES		FIRST HEAT TREATMENT (INFRARED RAYS)	SECOND HEAT TREATMENT (STEAM)
	MATRIX		BINDER	DENSITY (kg/m <sup>3</sup> )	NUMBER OF CARD WEBS STACKED		
	PET	PET	4080				
	HOLLOW						
CROSS SECTIONAL SHAPE	6	1.5	2.0				
FINENESS(dtex)	51	51	51				
FIBER LENGTH(mm)							
FIRST SAMPLE	60WT%	20WT%	20WT%	30	6	180°C × 2min.	130°C × 30min.
SECOND SAMPLE	60WT%	20WT%	20WT%	25	6	180°C × 2min.	130°C × 30min.